

National Congestion Tables

Table 1. What Congestion Means to You, 2017

Urban Area	Yearly Delay per Auto Commuter		Travel Time Index		Excess Fuel per Auto Commuter		Congestion Cost per Auto Commuter	
	Hours	Rank	Value	Rank	Gallons	Rank	Dollars	Rank
Very Large Average (15 areas)	83		1.35		32		1,730	
Los Angeles-Long Beach-Anaheim CA	119	1	1.51	1	35	4	2,676	1
San Francisco-Oakland CA	103	2	1.50	2	39	1	2,619	2
Washington DC-VA-MD	102	3	1.35	7	38	2	2,015	3
New York-Newark NY-NJ-CT	92	4	1.35	7	38	2	1,947	4
Boston MA-NH-RI	80	6	1.30	19	31	7	1,580	8
Seattle WA	78	7	1.37	5	31	7	1,541	9
Atlanta GA	77	8	1.30	19	31	7	1,653	5
Houston TX	75	9	1.34	11	31	7	1,508	10
Chicago IL-IN	73	10	1.32	16	30	12	1,431	11
Miami FL	69	12	1.31	17	34	5	1,412	12
Dallas-Fort Worth-Arlington TX	67	13	1.26	23	25	20	1,272	18
San Diego CA	64	16	1.35	7	24	27	1,584	7
Philadelphia PA-NJ-DE-MD	62	18	1.25	25	26	15	1,203	22
Phoenix-Mesa AZ	62	18	1.27	22	26	15	1,089	30
Detroit MI	61	20	1.24	28	25	20	1,129	25

Very Large Urban Areas—over 3 million population.

Large Urban Areas—over 1 million and less than 3 million population.

Yearly Delay per Auto Commuter—Extra travel time during the year divided by the number of people who commute in private vehicles in the urban area.

Travel Time Index—The ratio of travel time in the peak period to the travel time at free-flow conditions. A value of 1.30 indicates a 20-minute free-flow trip takes 26 minutes in the peak period.

Excess Fuel Consumed—Increased fuel consumption due to travel in congested conditions rather than free-flow conditions.

Congestion Cost—Value of travel time delay (estimated at \$18.12 per hour of person travel and \$52.14 per hour of truck time) and excess fuel consumption (estimated using state average cost per gallon for gasoline and diesel). Values are rounded to nearest \$10; ranking based on calculated value. But see Note below.

Note: Please do not place too much emphasis on small differences in the rankings. There may be little difference in congestion between areas ranked (for example) 6th and 12th. The actual measure values should also be examined. The best congestion comparisons are made between similar urban areas.

Table 1. What Congestion Means to You, 2017, Continued

Urban Area	Yearly Delay per Auto Commuter		Travel Time Index		Excess Fuel per Auto Commuter		Congestion Cost per Auto Commuter	
	Hours	Rank	Value	Rank	Gallons	Rank	Dollars	Rank
Large Average (32 areas)	54		1.24		22		\$1,030	
San Jose CA	81	5	1.45	3	32	6	1,643	6
Riverside-San Bernardino CA	70	11	1.34	11	20	47	1,288	16
Austin TX	66	14	1.34	11	25	20	1,391	13
Portland OR-WA	66	14	1.35	7	31	7	1,305	15
Denver-Aurora CO	61	20	1.31	17	25	20	1,163	23
Baltimore MD	59	22	1.25	25	22	32	1,046	32
Sacramento CA	59	22	1.28	21	24	27	1,118	26
Nashville-Davidson TN	58	24	1.22	33	26	15	1,217	20
San Juan PR	58	24	1.33	15	28	14	1,274	17
Charlotte NC-SC	57	28	1.22	33	22	32	1,269	19
Orlando FL	57	28	1.24	28	22	32	1,103	29
Minneapolis-St. Paul MN-WI	56	31	1.25	25	18	63	980	35
Cincinnati OH-KY-IN	52	32	1.17	49	25	20	1,110	27
Las Vegas-Henderson NV	51	34	1.26	23	20	47	932	41
San Antonio TX	51	34	1.23	30	22	32	964	38
Columbus OH	50	37	1.19	41	21	41	1,054	31
Oklahoma City OK	50	37	1.19	41	21	41	842	47
Tampa-St. Petersburg FL	50	37	1.22	33	20	47	987	34
Indianapolis IN	48	42	1.18	45	22	32	813	56
Memphis TN-MS-AR	48	42	1.18	45	18	63	651	87
Providence RI-MA	48	42	1.17	49	19	55	828	53
Kansas City MO-KS	47	46	1.15	71	15	84	837	50
Cleveland OH	46	47	1.15	71	23	29	970	36
Jacksonville FL	46	47	1.19	41	15	84	893	44
Louisville-Jefferson County KY-IN	46	47	1.18	45	18	63	726	74
Milwaukee WI	46	47	1.17	49	23	29	864	46
Pittsburgh PA	46	47	1.19	41	21	41	908	42
St. Louis MO-IL	46	47	1.15	71	19	55	848	43
Virginia Beach VA	46	47	1.17	49	15	84	758	66
Salt Lake City-West Valley City UT	45	55	1.18	45	25	20	833	51
Raleigh NC	42	67	1.17	49	16	77	794	57
Richmond VA	35	90	1.12	93	17	68	641	88

Large Urban Areas—over 1 million and less than 3 million population.

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Urban Area	Yearly Delay per Auto Commuter		Travel Time Index		Excess Fuel per Auto Commuter		Congestion Cost per Auto Commuter	
	Hours	Rank	Value	Rank	Gallons	Rank	Dollars	Rank
Medium Average (32 areas)	44		1.18		19		\$810	
Honolulu HI	64	16	1.40	4	29	13	1,374	14
New Orleans LA	58	24	1.23	30	26	20	1,208	21
Baton Rouge LA	58	24	1.36	6	25	15	1,107	28
Bridgeport-Stamford CT-NY	57	28	1.34	11	22	32	991	33
Tucson AZ	52	32	1.21	37	20	47	831	52
Charleston-North Charleston SC	51	34	1.23	30	22	32	948	39
Hartford CT	50	37	1.17	49	20	47	881	45
Albany-Schenectady NY	49	41	1.17	49	21	41	736	71
Buffalo NY	48	42	1.16	61	23	29	965	37
Tulsa OK	46	47	1.15	71	17	68	732	73
New Haven CT	45	55	1.16	61	18	63	767	63
Albuquerque NM	44	59	1.20	39	20	47	936	40
Columbia SC	44	59	1.15	71	19	55	765	65
Knoxville TN	44	59	1.13	83	18	63	841	48
Colorado Springs CO	43	63	1.15	71	19	55	785	59
El Paso TX-NM	41	70	1.16	61	17	68	794	57
Grand Rapids MI	41	70	1.13	83	16	77	716	77
Springfield MA-CT	41	70	1.12	93	19	55	725	75
Birmingham AL	40	75	1.13	83	16	77	819	55
Fresno CA	40	75	1.16	61	19	55	779	60
Rochester NY	40	75	1.16	61	20	47	769	62
Toledo OH-MI	40	75	1.14	80	21	41	757	67
Allentown PA-NJ	38	80	1.20	39	16	77	653	86
McAllen TX	38	80	1.16	61	13	93	701	81
Omaha NE-IA	38	80	1.17	49	17	68	674	84
Akron OH	37	86	1.10	99	17	68	681	83
Cape Coral FL	37	86	1.17	49	14	90	736	71
Wichita KS	36	89	1.14	80	16	77	503	97
Sarasota-Bradenton FL	33	92	1.16	61	14	90	605	92
Dayton OH	32	93	1.12	93	13	93	601	93
Provo-Orem UT	25	98	1.11	96	15	84	473	99
Bakersfield CA	24	99	1.13	83	10	98	504	96

Medium Urban Areas—over 500,000 and under 1 million population.

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Small Average (22 areas)	37		1.14		16		\$680	
Boise ID	45	55	1.16	61	20	47	772	61
Spokane WA	45	55	1.16	61	26	15	841	48
Boulder CO	44	59	1.21	37	22	32	767	63
Little Rock AR	43	63	1.13	83	14	90	751	68
Pensacola FL-AL	43	63	1.17	49	16	77	662	85
Worcester MA-CT	43	63	1.14	80	17	68	823	54
Anchorage AK	42	67	1.22	33	22	32	1,153	24
Jackson MS	42	67	1.13	83	13	93	684	82
Beaumont TX	41	70	1.13	83	16	77	718	76
Salem OR	41	70	1.15	71	21	41	737	70
Eugene OR	40	75	1.17	49	19	55	707	79
Corpus Christi TX	38	80	1.13	83	17	68	745	69
Greensboro NC	38	80	1.13	83	15	84	635	89
Madison WI	38	80	1.15	71	17	68	633	90
Poughkeepsie-Newburgh NY-NJ	37	86	1.11	96	19	55	608	91
Oxnard CA	34	91	1.16	61	11	97	709	78
Laredo TX	32	93	1.17	49	15	84	593	94
Stockton CA	32	93	1.15	71	17	68	704	80
Brownsville TX	29	96	1.13	83	12	96	571	95
Winston-Salem NC	27	97	1.11	96	10	98	487	98
Lancaster-Palmdale CA	21	100	1.10	99	6	101	405	101
Indio-Cathedral City CA	14	101	1.10	99	7	100	439	100
101 Area Average	66		1.28		26		\$1,320	
Remaining Areas Average	22		1.11		10		\$450	
All 494 Area Average	54		1.23		21		\$1,080	

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